

STANDARD INSPECTION REPORT OF A GAS OPERATOR FIELD AUDIT

FIELD AUDIT

Unless otherwise noted, all code references are to 49CFR Part 192.
If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

Operator: AMEREN ILLINOIS COMPANY	Operator ID#: 32513
Inspection Date(s): 8/18/2015, 8/19/2015, 8/20/2015	Man Days: 3
Inspection Unit: Effingham	
Location of Audit: Effingham	
Exit Meeting Contact: Kevin Glaspy	
Inspection Type: Design Testing and Construction	
Pipeline Safety Representative(s): Donald Hankins	
Company Representative to Receive Report: Michael Fuller	
Company Representative's Email Address: mfuller2@ameren.com	

Headquarters Address Information:	300 Liberty Peoria, IL 61602 Emergency Phone#: (800) 755-5000 Fax#:	
Official or Mayor's Name:	Ron Pate Phone#: (217) 424-6518 Email:	
Inspection Contact(s)	Title	Phone No.
Kevin Glaspy	Quality Assurance Consultant	

CUSTOMER METER & REGULATOR		Status
[192.353(a)]	Is the customer meter and regulator installed in a readily accessible location and protected from corrosion and other damage, including if installed outside a building, vehicular damage that may be anticipated?	Satisfactory
<u>General Comment:</u> <i>Staff inspected meter sets at the following locations.</i> 1403 South 4th Street 1405 South 4th Street 1407 South 4th Street		
[192.355(b)(1)]	Is the customer regulator vent rain and insect resistant?	Satisfactory
<u>General Comment:</u> <i>The meter sets that were inspected were rain and insect resistant, by having a screen in the regulator.</i>		

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[192.355(b)(2)]	Is the customer regulator vent located where gas from the vent escapes freely into the atmosphere and away from building openings?	Satisfactory
<u>General Comment:</u> <i>The regulator vent was located so gas could escape into the atmosphere.</i>		
[192.355(b)(3)]	Is the vent protected from damage caused by submergence in areas of flooding?	Not Applicable
<u>General Comment:</u> <i>The area where these meter sets were located were not in a flood plain.</i>		
[192.357(a)]	Is the customer meter and regulator installed to minimize anticipated stresses upon connecting piping?	Satisfactory
<u>General Comment:</u> <i>There was no stress on the piping on the meter sets.</i>		
[192.357(d)]	Is a customer regulator that might release gas vented to the outside atmosphere?	Satisfactory
<u>General Comment:</u> <i>The meter sets were located outside so gas could vent to the atmosphere.</i>		
[192.359(a)]	Is the meter operating pressure within the allowable limits of the meter case rating?	Satisfactory
<u>General Comment:</u> <i>The operating pressure on the meter states 5 psig on the casing.</i>		
[192.365(a)]	Is the service line valve upstream of the regulator or meter?	Satisfactory
<u>General Comment:</u> <i>The service line has a shutoff valve is before the regulator and meter.</i>		
[192.365(c)]	Is the underground service line valve located in a curb box or standpipe that allows for ready operation?	Not Applicable
<u>General Comment:</u> <i>There are no service line valves in curb boxes or standpipe on these meter sets that were inspected.</i>		
[192.727(d)][192.727(d)]	When service to the customer has been discontinued has the proper method been utilized to prevent unauthorized usage?	Not Checked
<u>General Comment:</u> <i>Staff did not inspect any meter sets that had been discontinued during this audit.</i>		
CATHODIC PROTECTION		Status
[192.463(a)]	Is the applicable cathodic protection criteria contained in Appendix D of this part being followed?	Satisfactory
<u>General Comment:</u>		

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<i>The service lines now meet the code requirements.</i>		
[192.465(a)]	Were pipe to soil readings taken?	Satisfactory
<u>General Comment:</u> <i>Aaron McElravy had written an issue for these three service lines for low reads, the readings are now up to code requirements, and these issues can be removed. The service lines readings are now listed below.</i> 1403 South 4th Street -1.24 1405 South 4th Street -1.27 1407 South 4th Street -1.24		
[192.465(b)]	Were rectifier installations inspected?	Not Checked
<u>General Comment:</u> <i>Rectifiers were not inspected during this audit.</i>		
[192.465(a)]	Were isolated mains/services tested?	Not Checked
<u>General Comment:</u> <i>Isolated mains and service lines were not inspected during this audit.</i>		
[192.465(c)]	Were critical/non critical bonds tested?	Not Checked
<u>General Comment:</u> <i>Staff did not inspect critical or non-critical bonds at the time of this audit.</i>		
[192.467(a)]	Is electrical isolation provided by use of insulated meter spud, valve, union, or flange?	Satisfactory
<u>General Comment:</u> <i>Meter sets are being protected by the use of insulated meter spuds.</i>		
[192.467(c)]	Were casings installations tested for electrical isolation?	Not Checked
<u>General Comment:</u> <i>Casing readings were not taken during this audit.</i>		
[192.479(a)]	Is the above ground piping coated or painted as required?	Satisfactory
<u>General Comment:</u> <i>Above ground piping were painted and coated at the meter sets.</i>		
[192.479(c)]	Is the pipeline free of corrosion or pitting?	Satisfactory
<u>General Comment:</u> <i>The piping at the meter sets were free of corrosion and pitting.</i>		
DAMAGE PREVENTION		Status
[192.614]	Does the operator have a valid notification of planned excavation activities?	Satisfactory

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<u>General Comment:</u>		
Staff inspected the Julie one call notification for 909 West Edgar Avenue in Effingham.		
[265.40(a)]	Did the operator complete the locating activities in the specified timeframe?	Satisfactory
<u>General Comment:</u>		
Locating activities were completed in the specified timeframe.		
[192.614(c)(5)]	Were temporary markings made in accordance with the operator's Operation and Maintenance Manual?	Satisfactory
<u>General Comment:</u>		
Lines were marked by yellow paint and flags.		
[192.707(a)(1)]	Are line markers placed and maintained as close as practical over each buried main and transmission line located at each crossing of a public road and railroad?	Satisfactory
<u>General Comment:</u>		
Mr. McElravy had written an issue for additional pipeline markers needing to be installed from the Teutopolis take station to the Montrose Town Border Station for line of site. This issue can be cleared, Ameren has installed more line markers in this area and can now be seen by line of site.		
Staff also inspected line markers from Effingham to Sigel with line markers being able to be seen with line of site.		
[192.707(a)(2)]	Are line markers placed and maintained as close as practical over each buried main and transmission line located wherever necessary to identify the location of the transmission line or main to reduce the possibility of damage or interference?	Satisfactory
<u>General Comment:</u>		
Line markers that were inspected are being maintained as close as possible over buried gas lines that were inspected.		
[192.707(c)]	Are line markers placed and maintained as close as practical over each main and transmission line located above ground?	Satisfactory
<u>General Comment:</u>		
Line markers were placed at all regulator stations that were inspected during this audit.		
[192.707(d)(1)]	Do the operator's line markers contain the following information: The following must be written legibly on a background of sharply contrasting color on each line marker: The word "Warning," "Caution," or "Danger" followed by the words "Gas (or name of gas transported) Pipeline" all of which, except for markers in heavily developed urban areas, must be in letters at least 1 inch (25 millimeters) high with ¼ inch (6.4 millimeters) stroke?	Satisfactory
<u>General Comment:</u>		
Line markers had the proper working placed on them.		
[192.707(d)(2)]	Do the operator's line markers contain the following information: The following must be written legibly on a background of sharply contrasting color on each line marker: The name and phone number (including area code) of the operator	Satisfactory

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	where the operator can be reached at all times?	
<u>General Comment:</u> <i>The line markers ha all the proper wording and emergency phone number of 1-800-755-5000 placed on them.</i>		
PRESSURE LIMITING AND REGULATING DEVICES (MECHANICAL)		Status
[192.739(a)(4)]	Was each pressure limiting station, relief device (except rupture discs), and pressure regulating station and its equipment subjected at intervals not exceeding 15 months, but at least once each calendar year, to inspections and tests to determine that it is properly installed and protected from dirt, liquids, or other conditions that might prevent proper operation.?	Satisfactory
<u>General Comment:</u> <i>Staff inspected the inspection sheet for the flowing regulator stations.</i> <i>Regulator station number 340054</i> <i>Regulator station number 340053</i> <i>Regulator station number 350077</i> <i>Regulator station number 340027</i> <i>Regulator station number 340031</i>		
[192.317(b)]	Is each above ground transmission line or main protected from accidental damage by vehicular traffic or other similar causes?	Satisfactory
<u>General Comment:</u> <i>The regulator stations were being protected by distance and fenced in.</i>		
[192.741(a),192.741(c)]	Were telemetering and/or recording gauges inspected for abnormally high or low pressure indications?	Satisfactory
<u>General Comment:</u> <i>Gauges were inspected for high or low pressure indications.</i>		
[192.743(a)]	Is overpressure protection provided on the pipeline downstream of the take point?	Not Checked
<u>General Comment:</u> <i>Staff did not inspect for overpressure protection during this audit.</i>		
[192.199(d)]	Were the pressure relief or pressure limiting devices inspected to determine if the support was made of noncombustible material?	Satisfactory
<u>General Comment:</u> <i>Piping and supports were made of steel.</i>		
[192.199(e)]	Were the pressure relief or pressure limiting devices inspected to determine if the discharge stacks, vents, or outlet ports were designed to prevent accumulation of water, ice, or snow, and located where gas can be discharged into the atmosphere without undue hazard?	Satisfactory
<u>General Comment:</u> <i>Stack vents were all in place to keep rain and snow from collecting inside of the vent stack.</i>		

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[192.199(h)]	Was each valve, designed to isolate the system under protection from its source of pressure, secured to prevent unauthorized operation of any stop valve that will make the pressure relief valve or pressure limiting device inoperative?	Satisfactory
<u>General Comment:</u> All valves had locking pins in the valves.		
VALVE MAINTENANCE		Status
[192.747(a)]	Were the valves readily accessible and was the operator able to access the valve with the appropriate valve wrench?	Satisfactory
<u>General Comment:</u> Fire valves and emergency valves were inspected at each regulator station, with these valves that were in valve boxes were clean and the boxes were straight.		
ODORIZATION OF GAS		Status
<u>Category Comment:</u> Odorization was not inspected during this audit.		
[192.625(a)]	Was the odor intensity level readily detectable at or below 1/5th LEL?	Not Checked
[192.625(e)]	Was the Odorization equipment and tank levels inspected?	Not Checked
[192.625(f)]	Was the operator's equipment calibrated as required?	Not Checked
TRANSMISSION		Status
<u>Category Comment:</u> Staff did not inspect any transmission lines during this audit.		
[192.179(b)(1)]	Are transmission valves protected from tampering or damage?	Not Checked
[192.745(a)]	Were the valves inspected accessible?	Not Checked
[192.719(a)]	Is pre-tested transmission pipe inventory maintained for use in an emergency?	Not Checked
[192.179(c)]	If blow down activities were observed, were the blow down valves properly sized to allow the transmission pipeline to vent as rapidly as practicable and did the blow down vent freely to atmosphere away from any hazards?	Not Checked
MARKING OF MATERIAL		Status
[192.63(a)]	Does the operator's components and pipe contain the required markings?	Satisfactory
<u>General Comment:</u> Staff inspected piping and fittings in the ware house, with the pipe and fittings being properly marked.		
OPERATOR QUALIFICATION		Status
Was a PHMSA Form 15 Operator Qualification Field Inspection Protocol Form completed?		No
<u>General Comment:</u>		

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Staff did not complete a protocol form 15 during this audit.

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